

Title (en)

TECHNIQUES FOR SUPPORTING BRIGHTNESS ADJUSTMENT OF DISPLAYS

Title (de)

VERFAHREN ZUR UNTERSTÜTZUNG DER HELLIGKEITSANPASSUNG VON ANZEIGEN

Title (fr)

TECHNIQUES DE PRISE EN CHARGE DE RÉGLAGE DE LUMINOSITÉ DE DISPOSITIFS AFFICHAGE

Publication

**EP 3729253 B1 20240515 (EN)**

Application

**EP 18816460 A 20181128**

Priority

- US 201762607067 P 20171218
- US 201815993255 A 20180530
- US 2018062686 W 20181128

Abstract (en)

[origin: US2019189084A1] Described are examples for adjusting display level properties across multiple displays. One or more ranges of display brightness capability values that are supported by a given display device can be received for multiple display devices. For each of the multiple display devices, at least a portion of display brightness capability values in the one or more ranges of display brightness capability values can be mapped to selectable brightness levels available in an operating system. One of the selectable brightness levels can be determined as selected via the operating system. For each of the multiple display devices, a corresponding display brightness capability value mapped to the one of the selectable brightness levels can be determined and indicated to each of the multiple display devices, such that the multiple display devices may set different display brightness capability value brightness, but the brightness may be perceptually similar across the display devices.

IPC 8 full level

**G06F 3/14** (2006.01); **G09G 5/02** (2006.01); **G09G 5/10** (2006.01)

CPC (source: EP US)

**G06F 3/1446** (2013.01 - EP US); **G09G 5/02** (2013.01 - EP US); **G09G 5/10** (2013.01 - EP US); **G09G 2300/026** (2013.01 - EP US); **G09G 2320/0233** (2013.01 - EP US); **G09G 2320/0606** (2013.01 - EP US); **G09G 2320/0626** (2013.01 - EP US); **G09G 2320/0666** (2013.01 - EP US); **G09G 2370/04** (2013.01 - EP US)

Citation (examination)

US 2016358582 A1 20161208 - LEE SEUNG-HEON [KR], et al

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)

**US 10586509 B2 20200310**; **US 2019189084 A1 20190620**; EP 3729253 A1 20201028; EP 3729253 B1 20240515; WO 2019125705 A1 20190627

DOCDB simple family (application)

**US 201815993255 A 20180530**; EP 18816460 A 20181128; US 2018062686 W 20181128